

## EAST Search History

Ref. #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	(servo near2 (wedge field region)) near4 ((identifi\$6 id detect\$3) near2 sector) near6 (transducer near2 position)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 11:48
L2	25	(servo near2 (wedge field region)) and (SAM or (address near2 (mark pattern))) and (preamble pre\$1amble amble) and ((sector wedge track) near2 (id identification identifier)) and ((sync near2 mark) or ssm)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 11:59
L3	142	(servo near2 (wedge field region)) and (sector near2 (id identifier identification)) and (SAM or (address near2 mark))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 12:10
L4	31	(servo near2 (wedge field region)) same (spin near3 (field wedge region))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 15:34
L5	9	(dc near2 erase) near4 preamble same (servo near2 (data wedge field sector))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 15:36
L7	10	(servo near2 (wedge field region)) same (with\$1out exclu\$3 nò) near3 (spin near3 (field wedge region))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 15:35
L8	51	((synchronization synch sync) or SSM) same preamble same (SAM or (servo near2 address)) and (sector near2 (id identifier identification))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 16:13
L9	122	(servo near2 (wedge sector field)) same (sector near2 (id identifier identification)) same ((head transducer) near2 position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 16:17
L10	5	(servo near2 (wedge sector field)) same (sector near2 (id identifier identification)) same (initial near3 (head transducer) near2 position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 16:35

## EAST Search History

L11	18	("5384671"   "5576904"   "5661760"   "5796535"   "5812336"   "5818655"   "5844741"   "5872666"   "5909336"   "6032284"   "6084741"   "6108151"   "6108153"   "6201652"   "6347390"   "6580573"   "6650614"   "6680807").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/03 16:18
L12	1	(servo near2 (wedge sector field)) same (lack\$3 without with\$1out exclud\$3 preclud\$3) near4 ((zero near2 frequenc\$3) or zero\$1frequency or (dc near2 (erase signal pattern)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 16:42
L13	274	(detect\$3 sens\$3 determin\$3) near4 (initial near3 (head transducer) near3 (position\$3 location))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 16:41
L14	198	(detect\$3 sens\$3 determin\$3) near2 (initial near3 (head transducer) near2 (position\$3 location))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 16:45
L15	2	(servo near2 (wedge sector field)) same (lack\$3 without with\$1out eliminat\$3 exclud\$3 preclud\$3) near4 ((zero near2 frequenc\$3) or zero\$1frequency or (dc near2 (erase signal pattern)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 16:44
L16	5	14 and ((SAM or (servo near2 address)) and (SSM or sync or synchroniz\$6) and (preamble) and ((track sector) near2 (id identifier identification)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 16:43
L17	21	14 and (servo near2 (wedge sector field))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 16:51
L18	15	(initial\$3 near3 (spin\$1up spin (spin near2 up))) same (servo near2 (wedge sector field))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 16:52
L19	7	((detect\$3 sens\$3 search\$3) near3 (servo near2 wedge)) same (speed) same (recover\$3 near4 servo)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 17:48

## EAST Search History

L20	1	("6181505").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/03/03 17:43
L21	1	("6519107").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/03/03 17:43
L22	16	((detect\$3 sens\$3 search\$3) near3 (servo near2 wedge)) and (speed spin rate) same (recover\$3 near4 servo)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 17:48
S1	5	((("6122117") or ("5818659") or ("5909336") or ("5661760") or ("5966258")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/03/02 18:38
S2	1	("5036408").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/03/02 18:47
S3	1	("20030048560").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/03/03 11:39
S4	1	("6262857").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/03/02 19:23
S5	5	dis\$1 and (zero\$1frequenc\$3 or non\$1frequenc\$3 or no\$1frequenc\$3 or (zero near2 frequenc\$3)) same (servo near2 (wedge sector field))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/02 19:29
S6	51	dis\$1 and ((DC near2 (pattern value signal)) near5 (wedge sector field)) and (position\$3 near4 (head transducer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/03 17:37
S7	15	((spin near2 up) or spin\$1up) near2 wedge)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/02 19:41

## EAST Search History

S9	60	dis\$1 and ((servo near2 (wedge field)) near8 ((begin\$4 start\$3) near2 sector)) and (position\$3 near4 (head transducer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/03/02 19:43
S10	1	("6583944").URPN.	USPAT	OR	ON	2007/03/02 19:45
S11	9	("5428787"   "5455721"   "5619723"   "5818654"   "5974544"   "5995308"   "6034831"   "6064535"   "6098185").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 19:47